

1-14-02

A

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
7385-84786Total Pages in this Submission  
29**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**METHOD TO DIFFRACT AND ATTENUATE AN OPTICAL SIGNAL**

and invented by:

Randy Wickman

jc978 U.S. PRO  
10/044866  
01/10/02If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 13 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Microfiche Appendix *(if applicable)*
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if drawings filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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29

**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*  
a. ☒ Formal      b. ☐ Informal      Number of Sheets 5
4. ☒ Oath or Declaration  
a. ☐ Newly executed *(original or copy)*      ☒ Unexecuted  
b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*  
c. ☒ With Power of Attorney      ☐ Without Power of Attorney  
d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission *(if applicable, all must be included)*  
a. ☐ Paper Copy  
b. ☐ Computer Readable Copy  
c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing  
☐ First Class      ☒ Express Mail *(Specify Label No.):* EL854695974US

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**(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_
17. ☐ Additional Enclosures *(please identify below)*:

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

2007-01-04 10:44:55

# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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7385-84786

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29

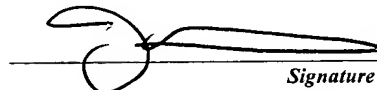
## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	14	- 20 =	0	x \$9.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$370.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$370.00

- ☒ A check in the amount of **\$370.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **23-0920** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 10, 2002

  
Signature

CC:

01/10/02  
JC013 U.S. PTO

PTO/SB/17 (XX-XX)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

TOTAL AMOUNT OF PAYMENT

\$370.00

Application Number

Filing Date

First Named Inventor

Randy Wickman

Examiner Name

Group Art Unit

Attorney Docket No.

7385-84786

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

23-0920

Deposit  
Account  
Name

(7385-84786)

- ☒ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17  
☒ Applicant claims small entity status.  
See 37 CFR § 1.27

2. ☐ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)  
101 740 201 370 Utility filing fee  
106 330 206 165 Design filing fee  
107 510 207 255 Plant filing fee  
108 740 208 370 Reissue filing fee  
114 160 214 80 Provisional filing fee

Fee Paid

370.00

SUBTOTAL (1)

\$370.00

### 2. EXTRA CLAIM FEES

Extra Claims Fee from below Fee Paid  
Total Claims 14 -20\*\* = 0 X 0.00 = 0.00  
Independent Claims 2 -3\*\* = 0 X 0.00 = 0.00  
Multiple Dependent 0 = 0.00

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)  
103 18 203 9 Claims in excess of 20  
102 84 202 42 Independent claims in excess of 3  
104 280 204 140 Multiple dependent claim, if not paid  
109 84 209 42 \*\* Reissue independent claims  
over original patent  
110 18 210 9 \*\* Reissue claims in excess of 20  
and over original patent

SUBTOTAL (2)

\$0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$) Code (\$)

Fee Description

Fee Paid

105 130 205 65 Surcharge - late filing fee or oath  
127 50 227 25 Surcharge - late provisional filing fee or cover  
sheet  
139 130 139 130 Non - English specification  
147 2,520 147 2,520 For filing a request for ex parte reexamination  
112 920\* 112 920\* Requesting publication of SIR prior to Examiner  
action  
113 1,840\* 113 1,840\* Requesting publication of SIR after Examiner  
action  
115 110 215 55 Extension for reply within first month  
116 400 216 200 Extension for reply within second month  
117 920 217 460 Extension for reply within third month  
118 1,440 218 720 Extension for reply within fourth month  
128 1,960 228 980 Extension for reply within fifth month  
119 320 219 160 Notice of Appeal  
120 320 220 160 Filing a brief in support of an appeal  
121 280 221 140 Request for oral hearing  
138 1,510 138 1,510 Petition to institute a public use proceeding  
140 110 240 55 Petition to revive - unavoidable  
141 1,280 241 640 Petition to revive - unintentional  
142 1,280 242 640 Utility issue fee (or reissue)  
143 460 243 230 Design issue fee  
144 620 244 310 Plant issue fee  
122 130 122 130 Petitions to the Commissioner  
123 50 123 50 Processing fee under 37 CFR § 1.17(q)  
126 180 126 180 Submission of Information Disclosure  
Statement  
581 40 581 40 Recording each patent assignment per property  
(times number of properties)  
146 740 246 370 Filing a submission after final rejection  
(37 CFR § 1.129(a))  
149 740 249 370 For each additional invention to be examined  
(37 CFR § 1.129(b))  
179 740 279 370 Request for Continued Examination (RCE)  
169 900 169 900 Request for expedited examination  
of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

## SUBMITTED BY

Name (Print/Type)

Jon P. Christensen

Registration No.  
(Attorney/Agent)

34,137

Telephone

312/655-1500

Signature

Date

January 10, 2002

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## Certificate of Express Mailing

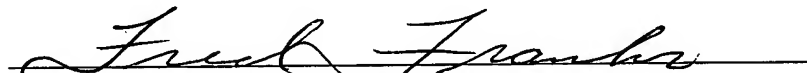
Express Mail mailing label number EL854695974US

Date of Deposit: January 10, 2002

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail" Post Office to Addressee. Service under 37 CFR 1.10 is on the date indicated above and addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231. The person mailing this paper is:

Fred Franks

Typed or Printed Name of Person Mailing Paper or Fee

  
Signature of Person Mailing Paper or Fee

2002-01-10 09:54:40